

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

Claims 1-6 (Canceled).

7. (Previously Presented) Steel pipe with small occurrence of the Bauschinger effect, wherein a steel base material contains, by mass %, C: 0.03 to 0.30%, Si: 0.01 to 0.8%, Mn: 0.3 to 2.5%, P: 0.03% or less, S: 0.01% or less, Al: 0.001 to 0.1%, N: 0.01% or less, and a balance of iron and unavoidable impurities, the steel base material has a dual-phase structure substantially comprising ferrite structure and fine martensite dispersed at the ferrite grain boundaries, said steel pipe heated at the austenite-ferrite dual-phase temperature region and then quenched after a steel plate is shaped into a pipe.

8. (Original) Steel pipe with small occurrence of the Bauschinger effect as set forth in claim 7, wherein the fine martensite has grains of a long axis of 10 μ m or less and said fine martensite has an area ratio of 10 to 30%.

9. (Previously Presented) Steel pipe with small occurrence of the Bauschinger effect as set forth in claim 7, wherein a ratio of the proportional limit of the compression stress-strain curve in the circumferential direction before and after expansion of the steel pipe is 0.7 or more.

10. (Previously Presented) Steel pipe with small occurrence of the Bauschinger effect as set forth in claim 7, wherein the pipe is heated at a temperature range of 760 to 830°C.

11. (Previously Presented) Steel pipe with small occurrence of the Bauschinger effect as set forth in claim 7, further containing, by mass %, one or more of Nb: 0.1% or less, V: 0.3% or less, Mo: 0.5% or less, Ti: 0.1% or less, Cr: 1.0% or less, Ni: 1.0% or less, Cu: 1.0% or less, B: 0.003% or less, and Ca: 0.004% or less.

12. (Currently Amended) Steel pipe with small occurrence of the Bauschinger effect as set forth in claim 7, further containing, by mass %, C: 0.03 to 0.10%, having a Charpy V-notch value in the transverse direction at ~~-20.degree. C.~~ -20°C of 40 J or more, and having a ratio of the proportional limit of the compression stress-strain curve before and after being subjected to deformation of 0.7 or more.

Claims 13-17 (Canceled)